Central Glass Blowing Section: Progress and Plans

Work/Tasks completed:

- Web site of CGBS uploaded, hyperlink created from main IITK website.
- Formation of user committee for CGBS.
- Charges of glass apparatus recommended by user committee uploaded in web page.
- Flooring and new tin shed in Gas storage room.
- Visit of Safety Officer and his recommendations received.
- New job order form made.
- New Electric wiring, MCB and Net ports in CGBS office and Workshop.
- Ceramic flooring in Office room and entrance room.
- Write-off of un-serviceable items.
- Air Circulation System for working area.

Items procured and installed:

- Water Distillation plant.
- Water Deionization plant with RO
- Tube evacuation system (rotary pump): low vacuum.
- Rotary pump tube sealing unit (with diffusion pump): high vacuum.
- New computer.
- Co₂ fire Extinguishers.
- New Refrigerator (for storing chemicals)
- Vernier Calipers.
- Safety Goggles for Glass blowing both Quartz and Borosil Glass.

Work under process:

- SS line for LPG gas with needle valves in working area for safety purpose.
- CGBS workshop flooring and trench work.
- New shed for Heat exchanger of Distillation plant.
- Extension of Gas room.

Purchase planning for future:

- Glass Blowing Bench Burners.
- New Computer / Printer / Computer table.
- Cutting Machine.
- Office Table / Chairs.
- Graphite plates and rods.